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FIBRE BOX INDUSTRY

ANNUAL REPORT

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The Fibre Box Association

The Fibre Box Association represents and provides service to the United States manufacturers of corrugated and solid fibre shipping containers and products.

One of the Association's cornerstone services to its members is the monthly compiling and reporting of industry data to assist in the management of their businesses. Since 1940, FBA has published the Annual Report of industry statistics which provides the government and the public, as well as the industry, with an accurate reflection of meaningful corrugated industry data.

The Fibre Box Association's membership is composed of companies that currently represent more than 81% of the aggregate domestic shipments. The 136 members, shown on page 17 of this report, operate 673 corrugated manufacturing facilities throughout the United States.

Other services provided by FBA to the membership include: government relations, labor contract reporting, technical studies, issue seminars/workshops, publications, forecasting and end-use market analysis. Programs are also conducted to meet the unique needs of the three segments of the corrugated industry: independent corrugators, independent sheet plants and integrated companies.

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The 1991 Annual Report of the Fibre Box Industry is the 51st in the series published by the Fibre Box Association (FBA).

The Annual Report is derived from data submitted by member companies, combined with data from a voluntary survey of non-member companies and expanded by estimates for non-participating companies to provide the most accurate data on the aggregate domestic industry. All shipment data represents finished products.

Additional information for this report has been provided by the American Paper Institute and the Bureau of Labor Statistics of the U.S. Department of Labor.

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Statistical Highlights

Shipments

Total industry shipments of corrugated and solid fibre products increased by 0.6% from 1990 to set a record level for the sixth consecutive year. At the same, for the second consecutive year, the value of shipments decreased by more than 2%.

The geographical mix of shipments varied in performance with only the Southeast and South Central areas gaining from the previous year. These two areas now represent more than 40% of total industry shipments.

The share of total corrugated shipments to the food and beverage industry increased significantly in 1991, accounting for 39.6%, and continues to be, by far, the largest industry user of corrugated shipping containers.

Different from the 1980's trend, shipment share for corrugator plants increased, to 86.7% of the total.

Production – Corrugator Plants

1991 corrugated board production breaks down as follows:

Single Face 0.7%
Single Wall.....90.7%
Double Wall.....8.3%
Triple Wall.....0.3%

Average corrugated board basis weight increase by 1% to 141.0 pounds per thousand square feet produced.

The average corrugator plant produced 540 million square feet combined board in 1991, an increase of 1.3%.

Containerboard Production, Consumption and Inventory

24.5 million tons of containerboard were produced by paperboard mills to supply linerboard, medium and filler for the 1991 production of corrugated and solid fibre products in the United States.

Linerboard continues to represent 69% of all containerboard consumed at corrugator plants.

Total containerboard inventory levels shifted, from the end of 1990 to the end of 1991, from 6.6 to 5.9 weeks of supply.

Price Index

In 1991 the corrugated price index declined by 4.1%, while the overall producer price index increased by 0.2%.

Hours, Earnings and Productivity

In 1991 overall productivity was 2,220 square feet per production man-hour. The average payroll cost was $5.33 per 1,000 square feet.

Production related employees in the industry decreased to 72,243. The average employee worked 39.2 hours per week, with average hourly earning of $11.36.

Plants

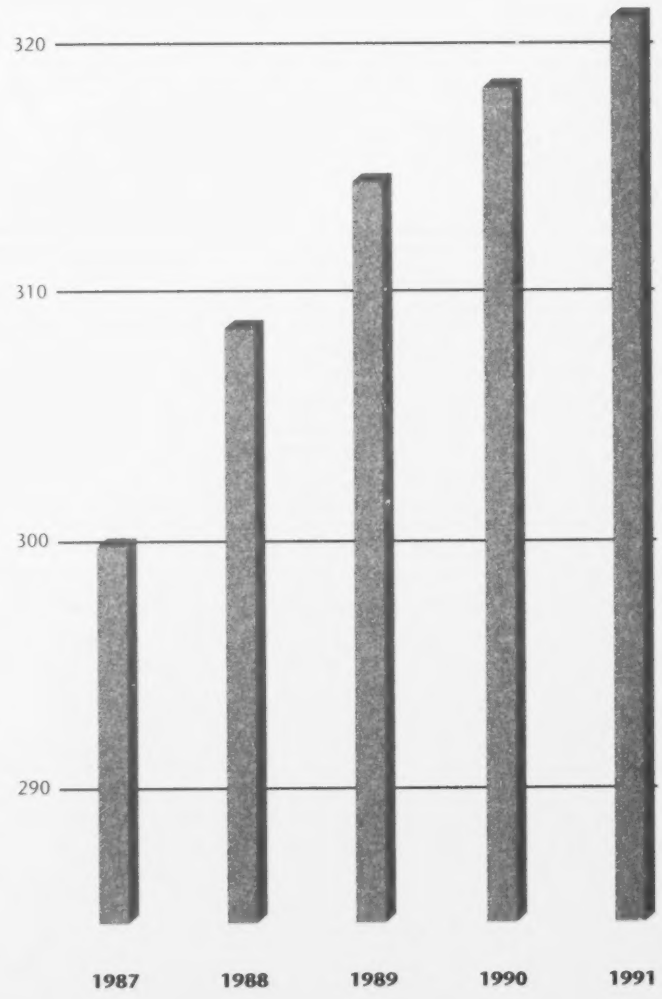
The total number of industry plants in operation during 1991 was 1,551. Of this total, 639 were corrugators and 912 were sheet plants.

Industry Shipments

Billions of Square Feet

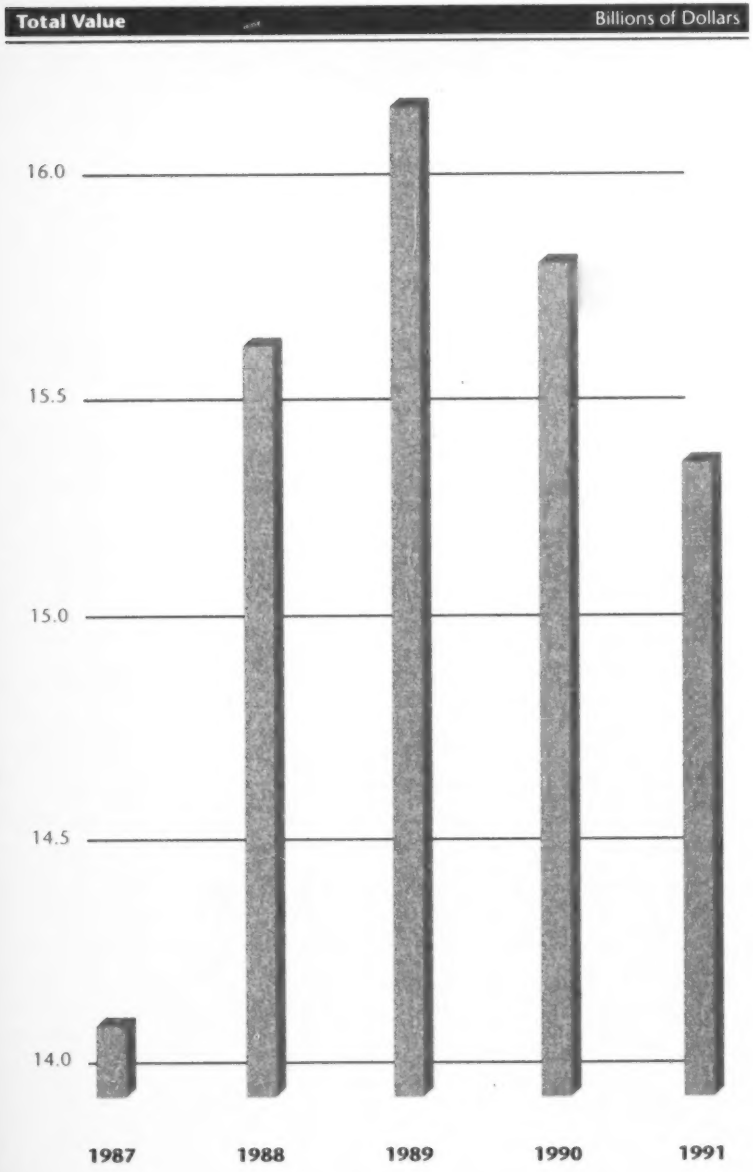
Year	Total	Corrugated	Solid Fibre	Year to Year Growth
1940	36.111	33.847	2.264	---
1950	78.393	76.022	2.371	---
1960	108.931	107.676	1.255	---
1970	184.865	183.761	1.104	- 0.4%
1971	191.832	190.756	1.076	+ 3.8%
1972	211.926	210.880	1.046	+ 10.5%
1973	228.052	226.984	1.068	+ 7.6%
1974	216.072	215.119	.953	- 5.3%
1975	194.329	193.573	.756	- 10.1%
1976	216.371	215.565	.806	+ 11.3%
1977	227.198	226.360	.838	+ 5.0%
1978	243.898	242.999	.899	+ 7.4%
1979	250.643	249.701	.942	+ 2.8%
1980	241.377	240.490	.887	- 3.7%
1981	246.152	245.331	.821	+ 2.0%
1982	235.185	234.306	.879	- 4.5%
1983	252.539	251.618	.921	+ 7.4%
1984	267.547	266.565	.982	+ 5.9%
1985	267.453	266.490	.963	0.0%
1986	283.921	282.852	1.069	+ 6.2%
1987	297.828	296.818	1.010	+ 4.9%
1988	308.509	307.464	1.045	+ 3.6%
1989	313.398	312.343	1.055	+ 1.6%
1990	318.102	316.688	1.414	+ 1.5%
1991	320.106	318.701	1.405	+ 0.6%

Total Volume Billions of Square Feet



Dollars

Industry Value of Shipments

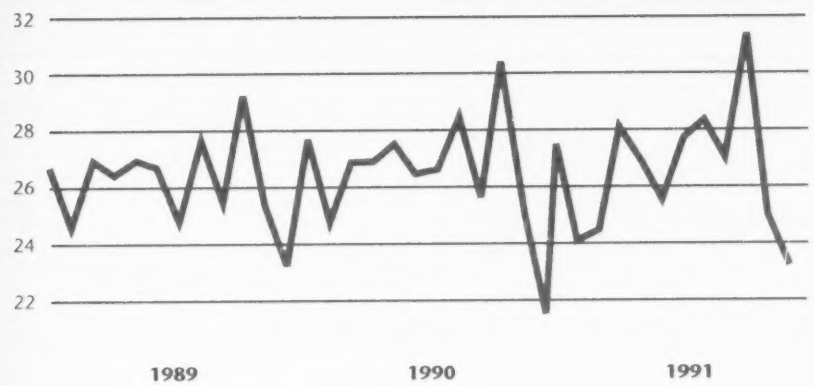


Year	Total	Corrugated	Solid Fibre	Year to Year Growth
1940	$ 231,082,800	$ 211,339,000	$19,743,800	---
1950	1,054,502,400	995,454,100	59,048,300	---
1960	1,791,171,100	1,746,525,600	44,645,500	---
1970	3,341,044,100	3,298,364,600	42,679,500	+ 0.6%
1971	3,463,680,200	3,422,262,100	41,418,100	+ 3.7%
1972	3,959,924,500	3,919,862,900	40,061,600	+ 14.3%
1973	4,862,056,300	4,815,486,600	46,569,700	+ 22.8%
1974	5,792,984,900	5,742,301,300	50,683,600	+ 19.1%
1975	5,623,765,200	5,578,612,500	45,152,700	- 2.9%
1976	6,443,938,300	6,395,870,800	48,067,500	+ 14.6%
1977	6,741,744,100	6,691,170,000	50,574,100	+ 4.6%
1978	7,260,097,300	7,204,311,000	55,786,300	+ 7.7%
1979	8,407,894,000	8,344,624,600	63,269,400	+ 15.8%
1980	9,075,381,800	9,010,411,600	64,970,200	+ 7.9%
1981	10,019,521,200	9,956,771,000	62,750,200	+ 10.4%
1982	9,343,619,900	9,278,989,700	64,630,200	- 6.7%
1983	9,845,258,200	9,778,198,700	67,059,500	+ 5.4%
1984	11,567,050,900	11,491,431,700	75,619,200	+ 17.5%
1985	11,486,830,500	11,413,175,600	73,654,900	- 0.7%
1986	11,753,044,200	11,673,330,200	79,714,000	+ 2.3%
1987	14,097,324,600	14,014,909,400	82,415,200	+ 19.9%
1988	15,627,005,100	15,538,736,900	88,268,200	+ 10.9%
1989	16,157,184,000	16,066,698,700	90,485,300	+ 3.4%
1990	15,800,619,300	15,695,267,200	105,352,100	- 2.2%
1991	15,367,412,000	15,264,548,700	102,863,300	- 2.7%

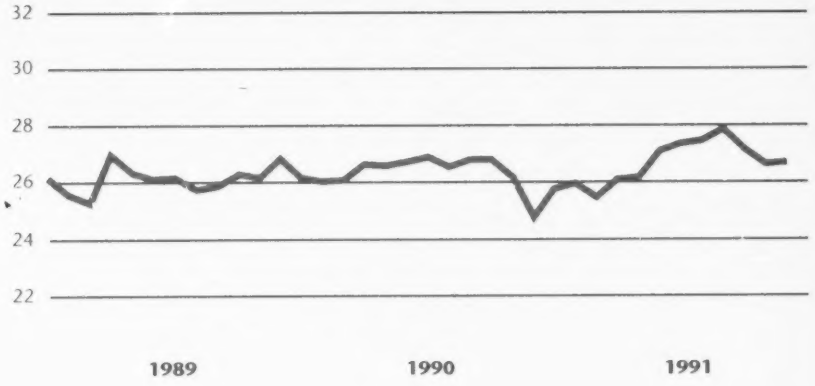
Industry Shipments by Month & Quarter

Billions of Square Feet

Shipments by Month Billions of Square Feet



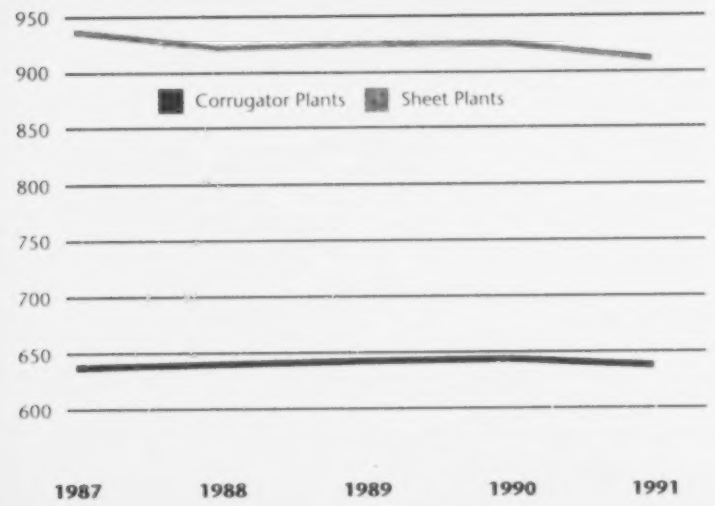
Seasonally Adjusted Shipments by Month Billions of Square Feet



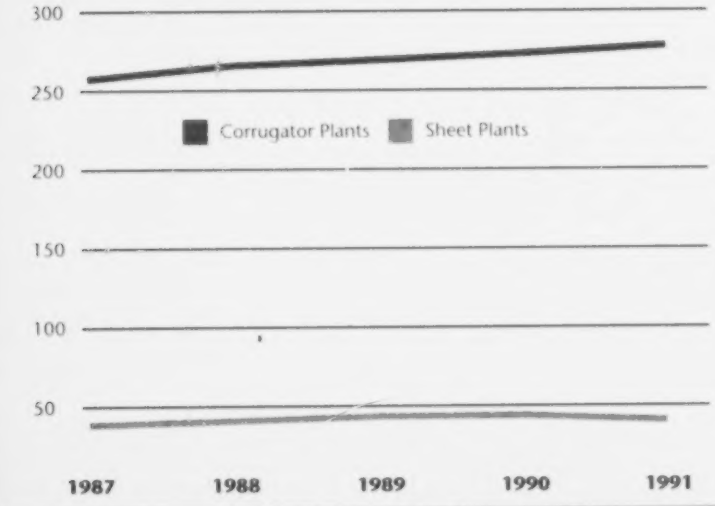
	Jan	Feb	Mar	1st Qtr	Apr	May	Jun	2nd Qtr	Jul	Aug	Sep	3rd Qtr	Oct	Nov	Dec	4th Qtr	Year
1989																	
Average Week	6.333	6.068	6.118	6.174	6.614	6.121	6.080	6.261	6.488	6.051	6.360	6.285	6.587	6.337	5.800	6.253	6.243
Actual	26.600	24.271	26.919	77.789	26.458	26.934	26.753	80.144	24.654	27.837	25.441	77.931	28.982	25.349	23.202	77.532	313.398
Seasonally Adjusted	26.215	25.727	25.324	78.298	27.098	26.331	26.022	79.108	26.289	25.885	25.905	77.030	26.424	26.252	27.001	78.969	---
1990																	
Average Week	6.320	6.089	6.112	6.176	6.718	6.272	6.312	6.427	6.351	6.155	6.736	6.395	6.686	6.287	5.994	6.351	6.337
Actual	27.806	24.357	26.893	79.056	26.873	27.595	26.512	80.980	26.675	28.313	25.595	80.583	30.756	25.149	21.578	77.483	318.102
Seasonally Adjusted	26.369	26.148	26.105	79.427	26.742	26.724	26.891	79.938	27.197	26.638	26.956	79.685	26.913	26.221	24.871	79.032	---
1991																	
Average Week	6.237	6.035	6.127	6.137	6.369	6.126	6.431	6.305	6.630	6.432	6.796	6.614	6.817	6.621	5.865	6.450	6.377
Actual	27.443	24.141	24.509	76.093	28.023	26.953	25.724	80.700	27.847	28.301	27.185	83.333	31.358	25.161	23.461	79.980	320.106
Seasonally Adjusted	25.831	25.927	25.557	76.976	26.104	26.168	27.081	79.518	27.347	27.426	27.831	82.150	27.239	26.668	26.748	81.417	---
Seasonal Adjustment	1.0624	0.9311	0.9590	0.9885	1.0735	1.0300	0.9499	1.0148	1.0183	1.0319	0.9768	1.0144	1.1512	0.9435	0.8771	0.9823	---

Industry Shipments by Type of Plant

Number of Plants



Shipments by Type of Plant — Billions of Square Feet

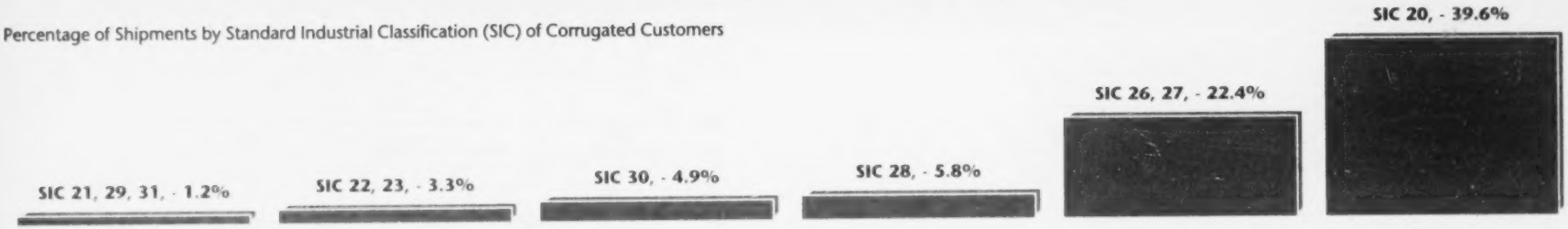


Year	Total		Corrugators			Sheet Plants		
	Billions of Square Feet	Number of Plants	Billions of Square Feet	Percent of Total	Number of Plants	Billions of Square Feet	Percent of Total	Number of Plants
1940	36.111	355	33.157	91.8	242	2.954	8.2	113
1950	78.393	481	73.986	94.4	304	4.407	5.6	177
1960	108.931	812	98.991	90.9	428	9.940	9.1	384
1970	184.865	1,294	163.230	88.3	623	21.635	11.7	671
1971	191.832	1,323	168.870	88.0	615	22.962	12.0	708
1972	211.926	1,324	184.452	87.0	614	27.474	13.0	710
1973	228.052	1,330	198.646	87.1	607	29.406	12.9	723
1974	216.072	1,358	189.015	87.5	619	27.057	12.5	739
1975	194.329	1,385	170.635	87.8	634	23.694	12.2	751
1976	216.371	1,427	188.694	87.2	645	27.677	12.8	782
1977	227.198	1,450	197.311	86.8	654	29.887	13.2	796
1978	243.898	1,449	211.661	86.8	654	32.237	13.2	795
1979	250.643	1,460	217.105	86.6	649	33.538	13.4	811
1980	241.377	1,422	210.868	87.4	633	30.509	12.6	789
1981	246.152	1,427	214.971	87.3	631	31.181	12.7	796
1982	235.185	1,376	206.799	87.9	623	28.386	12.1	753
1983	252.539	1,370	221.652	87.8	614	30.887	12.2	756
1984	267.547	1,429	233.635	87.3	615	33.912	12.7	814
1985	267.453	1,460	233.518	87.3	630	33.935	12.7	830
1986	283.921	1,495	247.007	87.0	643	36.914	13.0	852
1987	297.828	1,576	257.838	86.6	639	39.990	13.4	937
1988	308.509	1,562	266.119	86.3	640	42.390	13.7	922
1989	313.398	1,566	269.011	85.8	642	44.387	14.2	924
1990	318.102	1,567	273.345	85.9	643	44.757	14.1	924
1991	**320.106**	**1,551**	**277.432**	**86.7**	**639**	**42.674**	**13.3**	**912**

Shipments by End Use Industry

Shipments to Nondurable Goods Industries — 77.2% Share of Total Shipments

Percentage of Shipments by Standard Industrial Classification (SIC) of Corrugated Customers



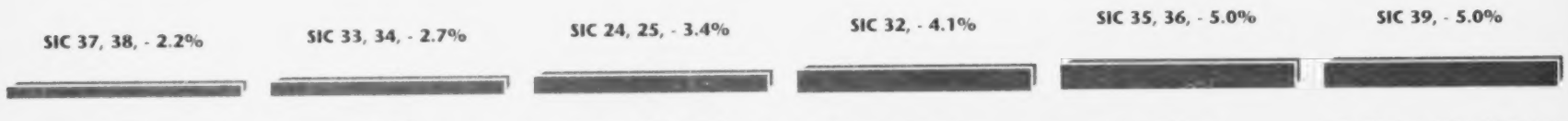
MAJOR SIC GROUP*	MANUFACTURING INDUSTRIES	1989 - 62.9% 25 Companies - 419 Plants		1990 - 63.3% 28 Companies - 406 Plants		1991 - 63.8% 32 Companies - 421 Plants	
20	Food and Kindred Products (except 201,202,203,205,206,208 and Fresh Fruits and Vegetables)	9.0%		10.5%		10.5%	
201	Meat Products	7.3		6.9		7.3	
202	Dairy Products	2.4		3.6		2.3	
203	Canning and Preserving Fruits, Vegetables, and Sea Foods	5.2		5.6		5.1	
205	Bakery Products	2.1	37.8%	2.0	37.8%	2.0	39.6%
206	Confectionary and Related Products	1.3		1.2		1.2	
208	Beverages	4.4		4.0		3.9	
**950	Fresh Fruits and Vegetables	6.1		4.0		7.3	
21	Tobacco	.4		.3		.4	
22	Textile Mill Products (except 227)	1.8	2.0	1.6	1.7	1.6	1.7
227	Floor Covering Mills	.2		.1		.1	
23	Apparel and Other Finished Products made from Fabrics and Similar Materials	1.4		1.6		1.6	
26	Paper and Allied Products	19.0		21.3		21.0	
27	Printing, Publishing, and Allied Industries (except 273)	1.1	1.4	1.2	1.5	1.1	1.4
273	Books	.3		.3		.3	
28	Chemicals and Allied Products (except 282,283,284 and 285)	1.3		2.0		1.3	
282	Plastics Materials and Synthetic Resins, Synthetic Rubber, Synthetic and Other Man-Made Fibers, Except Glass	1.3	6.5	1.3	6.5	1.2	5.8
283	Drugs	.8		.8		.6	
284	Soap, Detergents and Cleaning Preparations, Perfumes, Cosmetics and Other Toilet Preparations	2.8		2.1		2.4	
285	Paints, Varnishes, Lacquers, Enamels and Allied Products	.3		.3		.3	
29	Petroleum Refining and Related Industries (except 295)	.7	.8	.7	.7	.5	.5
295	Paving and Roofing Materials	.1		.0		.0	
30	Rubber and Miscellaneous Plastics Products (except 307)	1.2	5.6	.9	5.2	1.6	4.9
307	Miscellaneous Plastics Products	4.4		4.3		3.3	
31	Leather and Leather Products	.2		.2		.3	
	Sub-Total, Nondurable Goods	75.0		76.9		77.2	

*Standard Industrial Classification. **This number was arbitrarily assigned; not in accordance with Standard Classification Manual.
The sample as reported here, based on the number of companies indicated in the column headings, will not conform exactly to a complete analysis of sales. The percentage shown should be considered as indicators and not exact proportions. Differences in percentages from year to year can be caused by changes in the list of participating companies. Shipments to sheet plants and jobbers are not included. Companies included in the tabulation operate plants in all areas of the country.

Shipments by End Use Industry

Shipments to Durable Goods Industries — 22.4% Share of Total Shipments

Percentage of Shipments by Standard Industrial Classification (SIC) of Corrugated Customers



MAJOR SIC GROUP*		MANUFACTURING INDUSTRIES	1989 - 62.9% 25 Companies - 415 Plants	1990 - 63.3% 28 Companies - 406 Plants	1991 - 63.8% 32 Companies - 421 Plants
24		Lumber and Wood Products, Except Furniture	1.1%	1.2%	1.2%
25		Furniture and Fixtures (except 251)	1.3%	1.2%	1.0%
	251	Household Furniture	1.2 — 2.5	1.1 — 2.3	1.2 — 2.2
32		Stone, Clay, and Glass Products (except 322,326,and 329)	.7	.8	.8
	322	Glass and Glassware, Pressed or Blown	4.4	1.7	2.9
	326	Pottery and Related Products	.2 — 5.6	.2 — 3.0	.2 — 4.1
	329	Abrasive, Asbestos and Misc. Nonmetallic Mineral Products	.3	.3	.2
33		Primary Metal	.5	.7	.5
34		Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment (except 341)	2.0	2.3	2.0
	341	Metal Cans	.2 — 2.2	.2 — 2.5	.2 — 2.2
35		Machinery, Except Electrical (except 358)	1.1	1.3	1.2
	358	Service Industry Machines	.3 — 1.4	.3 — 1.6	.4 — 1.6
36		Electrical Machinery, Equipment and Supplies (except 363,364,365,and 366-367)	.7	1.0	.7
	363	Household Appliances	1.6	1.4	1.5
	364	Electric Lighting and Wiring Equipment	.7 — 3.6	.6 — 3.5	.7 — 3.4
	365	Radio and TV Receiving Sets, Except Communication Types	.3	.3	.3
	366-367	Communication Equipment and Electronic Components and Accessories	.3	.2	.2
37		Transportation Equipment (except 371)	.2	.7	.4
	371	Motor Vehicles and Motor Vehicle Equipment	1.0 — 1.2	.7 — 1.4	1.0 — 1.4
38		Professional, Scientific, and Controlling Instruments; Photographic and Optical Goods; Watches and Clocks	.7	.9	.8
39		Miscellaneous Manufacturing (except 394)	4.8	4.9	4.1
	394	Toys, Amusement, Sporting and Athletic Goods	1.0 — 5.8	.6 — 5.5	.9 — 5.0
		Sub-Total, Durable Goods	24.6	22.6	22.4
		Sub-Total, Durable Goods	24.6	22.6	22.4
		Sub-Total, Nondurable Goods	75.0	76.9	77.2
42		Motor Freight Transportation and Warehousing	.4	.5	.4
90		Government	.0	.0	.0
		TOTAL	100.0%	100.0%	100.0%

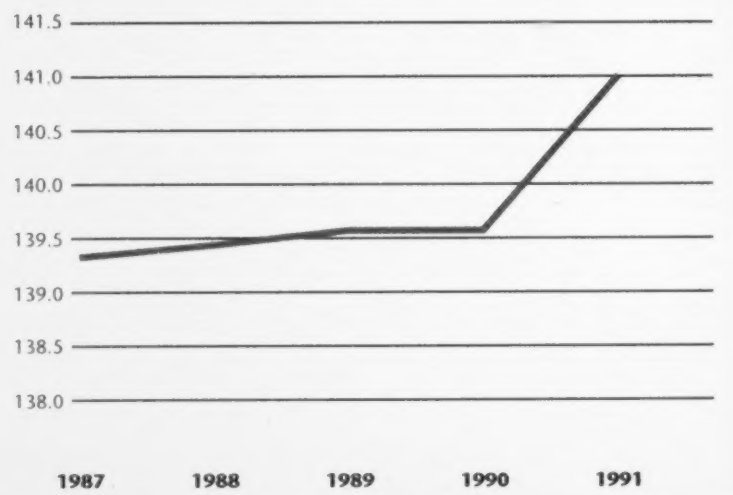
*Standard Industrial Classification

Industry Corrugated Production by Type of Board

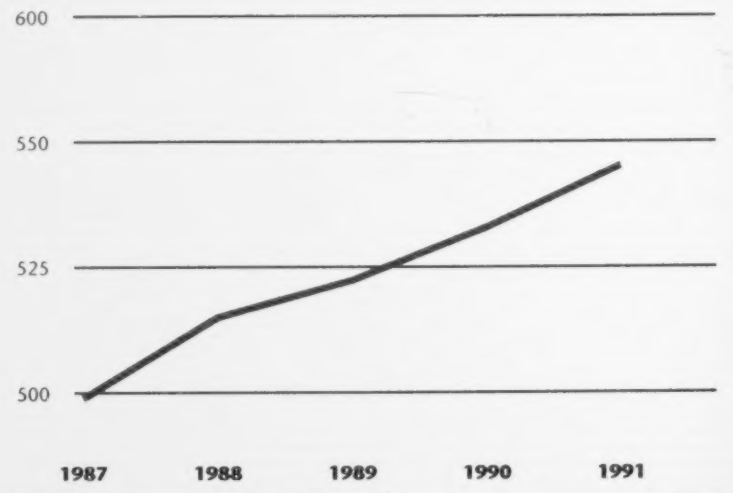
Billions of Square Feet

Year	Single Face	% of Total	Single Wall	% of Total	Double Wall	% of Total	Triple Wall	% of Total	Total
1940	1.139	3.2	33.660	94.5	.819	2.3	---	---	35.618
1950	1.880	2.4	71.740	92.6	3.860	5.0	---	---	77.480
1960	1.648	1.5	104.206	93.1	6.063	5.4	---	---	111.917
1970	1.548	0.8	177.087	91.9	14.105	7.3	---	---	192.740
1971	1.461	0.7	183.775	91.7	15.119	7.6	---	---	200.355
1972	1.567	0.7	200.902	91.3	17.641	8.0	---	---	220.110
1973	1.490	0.6	216.841	90.9	20.196	8.5	---	---	238.527
1974	1.492	0.7	203.449	90.8	19.154	8.5	---	---	224.095
1975	1.166	0.6	186.172	91.6	15.892	7.8	---	---	203.230
1976	1.305	0.6	207.880	91.2	18.633	8.2	---	---	227.818
1977	1.216	0.5	217.184	91.0	20.401	8.5	---	---	238.801
1978	1.265	0.5	232.827	90.8	22.309	8.7	---	---	256.401
1979	1.166	0.4	236.670	90.7	23.236	8.9	---	---	261.072
1980	1.144	0.5	229.054	90.9	21.741	8.6	---	---	251.939
1981	1.126	0.5	229.808	90.8	22.098	8.7	---	---	253.032
1982	1.188	0.5	224.180	91.0	20.921	8.5	---	---	246.289
1983	1.232	0.5	240.302	90.9	22.669	8.6	---	---	264.203
1984	1.111	0.4	256.158	90.8	24.053	8.5	.696	0.3	282.018
1985	1.421	0.5	258.910	90.9	23.729	8.3	.750	0.3	284.810
1986	1.445	0.5	274.559	90.9	25.134	8.3	.857	0.3	301.995
1987	1.489	0.5	289.388	90.8	26.768	8.4	.850	0.3	318.495
1988	1.353	0.4	299.286	90.9	27.770	8.4	.925	0.3	329.334
1989	1.651	0.5	306.127	91.0	27.671	8.2	.854	0.3	336.303
1990	2.247	0.6	310.378	90.5	29.412	8.6	.917	0.3	342.953
1991	2.437	0.7	312.851	90.7	28.789	8.3	.925	0.3	345.002

Average Basis Weight — Pounds Per Thousand Square Feet

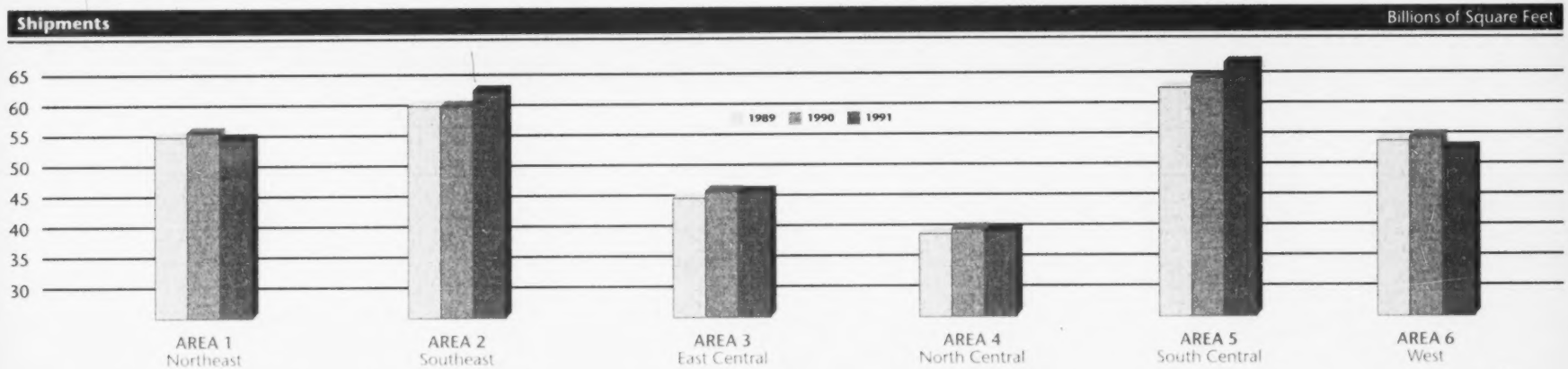


Average Corrugator Plant Production — Millions of Square Feet



Billions of Square Feet

Industry Shipments by Area



YEAR	Total	% of Industry	Total	% of Industry	Total	% of Industry	Total	% of Industry	Total	% of Industry	Total	% of Industry
1940	11.602	32.1	1.545	4.3	11.044	30.6	5.729	15.9	3.882	10.7	2.309	6.4
1950	23.735	30.3	6.282	8.0	19.946	25.4	11.780	15.0	9.695	12.4	6.955	8.9
1960	29.704	27.3	11.044	10.1	23.317	21.4	15.749	14.5	14.946	13.7	14.172	13.0
1970	44.038	23.8	25.040	13.6	35.194	19.0	24.820	13.4	28.998	15.7	26.774	14.5
1971	44.813	23.4	27.163	14.2	36.374	18.9	25.877	13.5	30.248	15.8	27.356	14.2
1972	48.382	22.8	30.957	14.6	40.248	19.0	28.513	13.5	33.788	15.9	30.038	14.2
1973	51.019	22.4	33.561	14.7	42.689	18.7	30.760	13.5	37.083	16.3	32.941	14.4
1974	48.537	22.5	31.599	14.6	39.146	18.1	28.944	13.4	35.099	16.2	32.747	15.2
1975	42.183	21.7	29.403	15.1	34.134	17.6	25.541	13.2	32.092	16.5	30.976	15.9
1976	46.697	21.6	32.809	15.2	38.326	17.7	28.471	13.2	36.220	16.7	33.848	15.6
1977	48.301	21.3	35.187	15.5	39.845	17.5	29.611	13.0	38.646	17.0	35.609	15.7
1978	52.275	21.4	38.796	15.9	41.433	17.0	31.368	12.9	41.753	17.1	38.273	15.7
1979	53.322	21.3	41.586	16.6	41.071	16.4	31.819	12.7	43.175	17.2	39.670	15.8
1980	50.551	20.9	41.284	17.1	36.912	15.3	30.147	12.5	42.867	17.8	39.616	16.4
1981	50.100	20.4	41.651	16.9	37.618	15.3	30.032	12.2	45.169	18.3	41.582	16.9
1982	48.006	20.4	39.744	16.9	34.263	14.6	28.795	12.2	44.408	18.9	39.969	17.0
1983	50.263	19.9	44.108	17.5	37.194	14.7	31.249	12.4	47.442	18.8	42.283	16.7
1984	51.094	19.1	47.475	17.7	40.285	15.1	32.794	12.3	51.378	19.2	44.521	16.6
1985	50.078	18.7	47.958	17.9	40.281	15.1	32.731	12.2	52.110	19.5	44.295	16.6
1986	52.303	18.4	51.605	18.2	41.927	14.8	34.510	12.1	55.308	19.5	48.268	17.0
1987	54.339	18.2	54.777	18.4	43.724	14.7	35.708	12.0	58.544	19.7	50.736	17.0
1988	55.571	18.0	57.527	18.6	44.487	14.4	37.882	12.3	61.052	19.8	51.990	16.9
1989	54.992	17.5	59.151	18.9	44.496	14.2	38.472	12.3	62.567	20.0	53.720	17.1
1990	55.098	17.3	59.358	18.7	46.142	14.5	39.295	12.3	64.128	20.2	54.081	17.0
1991	54.324	17.0	62.286	19.4	45.640	14.2	38.954	12.2	66.505	20.8	52.397	16.4

Area Shipments

Millions of Square Feet

	AREA 1 - Northeast			AREA 2 - Southeast			AREA 3 - East Central		
By Quarter	1989	1990	1991	1989	1990	1991	1989	1990	1991
1st Quarter	13,782.8	13,830.6	13,105.9	15,121.2	15,036.7	15,051.9	11,323.9	11,577.7	10,797.7
2nd Quarter	14,073.6	14,098.9	13,915.6	15,269.5	15,209.4	15,517.5	11,291.9	11,636.0	11,471.6
3rd Quarter	13,557.1	13,818.7	13,910.0	14,177.0	14,519.3	15,763.0	11,090.5	11,759.6	11,997.9
4th Quarter	13,578.1	13,350.2	13,392.7	14,583.7	14,592.0	15,953.7	10,789.5	11,169.0	11,372.0
By Month									
January	4,651.9	4,850.5	4,583.8	5,231.2	5,288.6	5,417.3	3,878.6	4,083.0	3,969.9
February	4,271.8	4,260.3	4,270.5	4,710.9	4,613.3	4,781.2	3,575.1	3,608.6	3,407.0
March	4,859.1	4,719.8	4,251.6	5,179.2	5,134.8	4,853.4	3,870.2	3,886.1	3,420.8
April	4,541.6	4,487.6	4,777.2	5,169.4	5,217.9	5,437.0	3,788.0	3,843.8	3,984.6
May	4,683.5	4,838.0	4,625.2	5,143.8	5,158.2	5,179.8	3,768.4	3,969.8	3,790.2
June	4,848.5	4,773.3	4,513.2	4,956.3	4,833.3	4,900.7	3,735.4	3,822.4	3,696.8
July	4,077.0	4,432.9	4,598.7	4,542.4	4,896.8	5,270.0	3,482.5	3,807.4	3,955.6
August	4,962.9	4,949.3	4,770.8	5,026.8	5,031.8	5,303.3	3,970.8	4,188.4	4,130.1
September	4,517.3	4,436.5	4,540.5	4,607.7	4,590.7	5,189.7	3,637.2	3,763.8	3,912.2
October	5,061.0	5,283.6	5,260.7	5,392.5	5,761.1	6,126.1	4,098.1	4,487.0	4,529.3
November	4,544.5	4,362.3	4,261.8	4,801.2	4,761.0	5,043.5	3,555.8	3,631.9	3,571.0
December	3,972.6	3,704.3	3,870.2	4,389.9	4,069.9	4,784.1	3,135.6	3,050.1	3,271.7
Total	54,991.6	55,098.3	54,324.2	59,151.4	59,357.5	62,286.1	44,495.8	46,142.4	45,639.2
By Average Week									
January	1,107.6	1,102.4	1,041.8	1,245.5	1,201.9	1,231.2	923.5	928.0	902.2
February	1,068.0	1,065.1	1,067.6	1,177.7	1,153.3	1,195.3	893.8	902.2	851.8
March	1,104.3	1,072.7	1,062.9	1,177.1	1,167.0	1,213.4	879.6	883.2	855.2
April	1,135.4	1,121.9	1,085.7	1,292.4	1,304.5	1,235.7	947.0	960.9	905.6
May	1,064.4	1,099.5	1,051.2	1,169.0	1,172.3	1,177.2	856.5	902.2	861.4
June	1,101.9	1,136.5	1,128.3	1,126.4	1,150.8	1,225.2	849.0	910.1	924.2
July	1,072.9	1,055.5	1,094.9	1,195.4	1,165.9	1,254.8	916.4	906.5	941.8
August	1,078.9	1,075.9	1,084.3	1,092.8	1,093.9	1,205.3	863.2	910.5	938.7
September	1,129.3	1,167.5	1,135.1	1,151.9	1,208.1	1,297.4	909.3	990.5	978.0
October	1,150.2	1,148.6	1,143.6	1,225.6	1,252.4	1,331.8	931.4	975.4	984.6
November	1,136.1	1,090.6	1,121.5	1,200.3	1,190.3	1,327.2	889.0	908.0	939.8
December	993.2	1,029.0	967.6	1,097.5	1,130.5	1,196.0	783.9	847.3	817.9
Average	1,095.5	1,097.6	1,082.2	1,178.3	1,182.4	1,240.8	886.4	919.2	909.1

Area Shipments

Millions of Square Feet

	AREA 4 - North Central			AREA 5 - South Central			AREA 6 - West		
By Quarter	1989	1990	1991	1989	1990	1991	1989	1990	1991
1st Quarter	9,494.1	9,696.8	9,423.6	15,378.6	15,953.6	15,837.9	12,688.8	12,960.2	11,876.2
2nd Quarter	9,631.2	9,765.2	9,661.2	15,769.3	16,069.0	16,561.6	14,108.9	14,202.7	13,572.8
3rd Quarter	9,747.9	10,109.4	10,162.5	15,588.4	16,279.2	17,345.0	13,770.6	14,097.6	14,154.8
4th Quarter	9,599.2	9,723.5	9,706.8	15,830.4	15,826.4	16,760.7	13,151.4	12,820.8	12,793.4
By Month									
January	3,262.3	3,448.7	3,477.5	5,291.4	5,555.2	5,758.0	4,284.7	4,579.8	4,236.6
February	2,975.0	2,991.2	3,001.2	4,837.3	4,982.3	5,001.7	3,900.3	3,901.2	3,679.6
March	3,256.7	3,256.9	2,944.9	5,249.9	5,416.1	5,078.2	4,503.7	4,479.2	3,960.0
April	3,142.2	3,188.5	3,348.4	5,195.7	5,319.6	5,781.4	4,620.7	4,816.0	4,694.2
May	3,213.6	3,296.0	3,236.3	5,344.6	5,512.8	5,590.4	4,780.0	4,820.8	4,531.5
June	3,275.4	3,280.7	3,076.5	5,228.9	5,236.6	5,189.8	4,708.2	4,565.9	4,347.1
July	3,022.4	3,327.7	3,336.0	4,913.6	5,373.6	5,790.5	4,615.9	4,836.7	4,896.1
August	3,555.9	3,561.7	3,480.1	5,509.2	5,763.5	5,905.0	4,811.1	4,818.6	4,712.2
September	3,169.7	3,220.0	3,346.4	5,165.5	5,142.1	5,649.5	4,343.7	4,442.3	4,546.5
October	3,609.3	3,829.2	3,893.9	5,835.7	6,225.8	6,464.6	4,985.0	5,169.1	5,083.6
November	3,133.7	3,180.6	3,014.5	5,153.9	5,140.1	5,306.2	4,159.8	4,072.8	3,963.4
December	2,856.2	2,713.7	2,798.4	4,840.8	4,460.5	4,989.9	4,006.6	3,578.9	3,746.4
Total	38,472.4	39,294.7	38,954.1	62,566.7	64,128.3	66,505.2	53,719.7	54,081.2	52,397.2
By Average Week									
January	776.7	783.8	790.3	1,259.9	1,262.5	1,308.6	1,020.2	1,040.9	962.9
February	743.8	747.8	750.3	1,209.3	1,245.6	1,250.4	975.1	975.3	919.9
March	740.2	740.2	736.2	1,193.2	1,230.9	1,269.6	1,023.6	1,018.0	990.0
April	785.6	797.1	761.0	1,298.9	1,329.9	1,314.0	1,155.2	1,204.0	1,066.9
May	730.3	749.1	735.5	1,214.7	1,252.9	1,270.5	1,086.4	1,095.6	1,029.9
June	744.4	781.1	769.1	1,188.4	1,246.8	1,297.5	1,070.0	1,087.1	1,086.8
July	795.4	792.3	794.3	1,293.1	1,279.4	1,378.7	1,214.7	1,151.6	1,165.7
August	773.0	774.3	790.9	1,197.7	1,252.9	1,342.0	1,045.9	1,047.5	1,071.0
September	792.4	847.4	836.6	1,291.4	1,353.2	1,412.4	1,085.9	1,169.0	1,136.6
October	820.3	832.4	846.5	1,326.3	1,353.4	1,405.4	1,133.0	1,123.7	1,105.1
November	783.4	795.2	793.3	1,288.5	1,285.0	1,396.4	1,040.0	1,018.2	1,043.0
December	714.0	753.8	699.6	1,210.2	1,239.0	1,247.5	1,001.6	994.1	936.6
Average	766.4	782.8	776.0	1,246.3	1,277.5	1,324.8	1,070.1	1,077.3	1,043.8

Containerboard Production & Consumption

Thousands of Tons

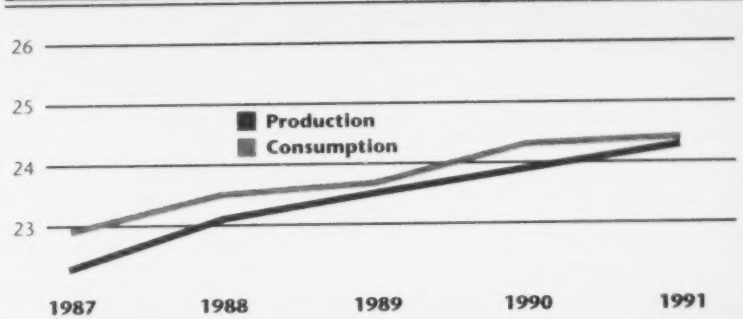
Production for Domestic Use

YEAR	TOTAL	LINERBOARD			CORRUGATING MEDIUM		
		Kraft	Recycled	Total	Semi-chemical & Kraft	Recycled	Total
1940	2,869.3	1,169.5	796.4	1,965.9	611.4	292.0	903.4
1950	5,379.0	2,787.2	921.8	3,709.0	945.6	724.4	1,670.0
1960	7,935.8	4,731.2	743.6	5,474.8	1,788.9	672.1	2,461.0
1970	13,667.1	9,133.4	269.7	9,403.1	3,404.7	859.3	4,264.0
1971	14,050.5	9,249.1	281.7	9,530.8	3,580.2	939.5	4,519.7
1972	15,703.1	10,577.6	278.9	10,856.5	3,874.2	972.3	4,846.5
1973	16,611.0	11,066.9	289.1	11,355.9	4,126.5	1,128.5	5,255.0
1974	16,484.7	10,838.4	467.1	11,305.4	4,010.3	1,169.0	5,179.2
1975	14,303.6	9,646.9	207.3	9,854.2	3,579.4	870.0	4,449.3
1976	16,437.3	11,093.2	282.7	11,375.9	3,986.5	1,075.1	5,061.5
1977	16,903.6	11,354.4	341.3	11,695.7	4,128.2	1,079.7	5,207.9
1978	17,636.7	11,877.2	256.4	12,133.7	4,305.3	1,197.7	5,503.1
1979	18,595.5	12,417.3	402.3	12,819.6	4,573.6	1,202.3	5,775.9
1980	17,838.7	11,948.6	444.5	12,393.1	4,398.5	1,047.1	5,445.6
1981	18,780.5	12,754.3	324.2	13,078.5	4,561.2	1,140.9	5,702.1
1982	17,277.3	11,656.5	279.0	11,935.5	4,202.5	1,139.3	5,341.8
1983	18,962.8	12,835.6	289.1	13,124.7	4,532.7	1,305.4	5,838.1
1984	20,676.7	14,068.8	203.7	14,272.5	5,018.9	1,385.4	6,404.3
1985	20,008.3	13,467.1	285.8	13,752.9	4,896.6	1,358.8	6,255.4
1986	21,395.5	14,288.6	420.3	14,708.9	5,160.8	1,525.8	6,686.6
1987	22,990.3	15,497.9	478.3	15,976.2	5,407.0	1,607.1	7,014.1
1988	23,528.2	15,770.6	406.7	16,177.3	5,527.7	1,823.2	7,350.9
1989	23,738.0	16,011.1	388.2	16,399.3	5,553.5	1,785.2	7,338.7
1990	24,313.1	16,536.0	334.1	16,870.1	5,566.4	1,876.6	7,443.0
1991*	**24,484.1**	**16,383.1**	**622.6**	**17,005.7**	**5,540.9**	**1,937.5**	**7,478.4**

NOTE: The apparent disparity between containerboard production, consumption and inventories is attributable to two factors: (1) about 4% of production is diverted to other uses such as tube/stock, composite cans/drums; (2) production includes container chip which is not consumed on solid fibre pasters. *Source: American Paper Institute, Inc.

Production vs Consumption

Millions of Tons



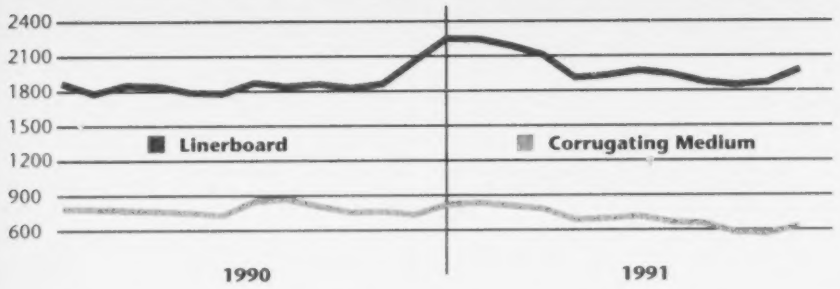
Consumption by Corrugator Plants

YEAR	TOTAL	LINERBOARD	CORRUGATING MEDIUM	FILLER BOARD
1940	3,113.7	1,985.3	865.2	263.2
1950	5,870.8	3,830.7	1,739.0	301.1
1960	7,901.3	5,361.6	2,422.2	117.5
1970	13,267.5	9,079.0	4,107.1	81.4
1971	13,806.8	9,465.2	4,273.4	68.2
1972	15,189.4	10,428.8	4,697.7	62.9
1973	16,446.4	11,315.1	5,059.7	71.6
1974	15,428.8	10,621.2	4,746.2	61.4
1975	13,975.4	9,609.1	4,320.2	46.1
1976	15,677.1	10,782.0	4,844.4	50.7
1977	16,464.1	11,318.3	5,102.5	43.3
1978	17,708.7	12,168.4	5,494.7	45.6
1979	18,159.7	12,456.0	5,654.5	49.2
1980	17,489.5	12,018.5	5,427.4	43.6
1981	17,821.2	12,262.4	5,530.4	28.4
1982	17,117.9	11,751.3	5,337.4	29.2
1983	18,395.7	12,594.4	5,767.7	33.6
1984	19,672.7	13,460.9	6,176.6	35.2
1985	19,902.5	13,604.7	6,267.3	30.5
1986	21,134.3	14,414.0	6,689.3	31.0
1987	22,393.4	15,276.0	7,085.9	31.5
1988	23,103.3	15,751.0	7,317.3	35.0
1989	23,568.5	16,036.7	7,487.7	44.2
1990	23,985.8	16,242.2	7,691.1	52.5
1991	**24,378.6**	**16,555.2**	**7,771.3**	**52.1**

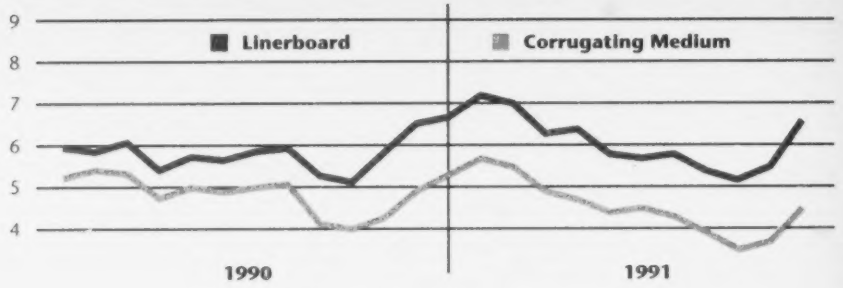
Thousands of Tons

Containerboard Inventory as of End of Month

Tonnage



Weeks of Supply



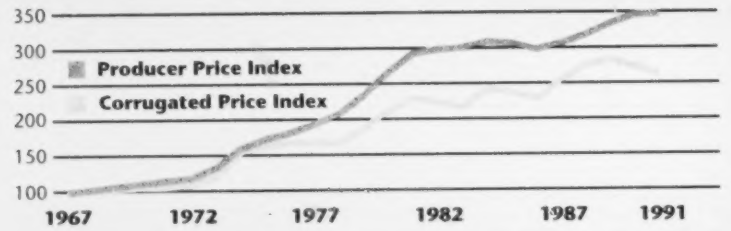
1990	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Linerboard:												
Corrugator Plants	1,756.8	1,621.4	1,694.6	1,655.8	1,608.7	1,599.5	1,707.2	1,674.7	1,674.4	1,642.6	1,678.6	1,841.0
Mills	139.8	152.2	159.0	177.1	187.8	177.1	176.3	171.9	187.5	184.8	184.6	227.3
Total	1,896.6	1,773.6	1,853.6	1,832.9	1,796.5	1,776.6	1,883.5	1,846.6	1,861.9	1,827.4	1,863.2	2,068.3
Weeks of Supply	5.9	5.8	6.1	5.4	5.7	5.6	5.8	5.9	5.3	5.2	5.8	6.5
Corrugating Medium:												
Corrugator Plants	738.9	734.0	719.3	699.4	689.7	666.1	705.5	709.5	638.5	613.0	617.5	689.1
Mills	42.7	45.3	48.6	55.1	51.6	57.0	57.7	58.6	62.8	40.4	40.4	46.8
Total	781.6	779.3	767.9	754.5	741.3	723.1	763.2	768.1	701.3	653.4	657.9	735.9
Weeks of Supply	5.2	5.4	5.3	4.7	5.0	4.8	5.0	5.1	4.2	4.0	4.3	4.9
Filler Board:	6.8	5.7	4.8	5.1	4.3	3.0	6.0	4.8	6.8	4.2	5.0	8.2
Total:	2,685.0	2,558.6	2,626.3	2,592.5	2,542.1	2,502.7	2,652.7	2,619.5	2,570.0	2,485.0	2,526.1	2,812.4
Weeks of Supply:												
Corrugator Plants	5.3	5.2	5.4	4.7	5.0	4.8	5.0	5.1	4.4	4.4	4.8	6.0
Mills	.4	.4	.5	.5	.5	.5	.5	.5	.5	.4	.5	.6
Total	5.7	5.6	5.8	5.2	5.5	5.3	5.5	5.6	4.9	4.8	5.3	6.6
1991												
Linerboard:												
Corrugator Plants	1,985.8	1,966.9	1,866.9	1,789.6	1,595.0	1,660.4	1,729.1	1,726.3	1,686.3	1,674.1	1,666.1	1,796.7
Mills	278.7	298.2	325.7	316.6	311.0	273.1	242.8	213.9	196.3	181.4	207.8	201.2
Total	2,264.5	2,265.1	2,192.6	2,106.2	1,906.0	1,933.5	1,971.9	1,940.2	1,882.6	1,855.5	1,873.9	1,997.9
Weeks of Supply	6.7	7.2	7.0	6.3	6.4	5.8	5.7	5.8	5.4	5.2	5.5	6.6
Corrugating Medium:												
Corrugator Plants	775.0	775.5	740.1	712.4	624.3	645.9	678.7	630.8	616.5	557.8	551.7	608.7
Mills	51.4	61.9	64.6	58.0	52.2	52.7	43.2	38.1	37.3	30.8	36.3	32.2
Total	826.4	837.4	804.7	770.4	676.5	698.6	721.9	668.9	653.8	588.6	588.0	640.9
Weeks of Supply	5.3	5.7	5.5	4.9	4.7	4.4	4.5	4.3	3.9	3.5	3.7	4.5
Filler Board:	2.2	4.1	4.9	3.7	3.7	2.8	4.6	1.8	2.9	5.9	5.8	6.0
Total:	3,093.1	3,106.6	3,002.2	2,880.3	2,586.2	2,634.9	2,698.4	2,610.9	2,539.3	2,450.0	2,467.7	2,644.8
Weeks of Supply:												
Corrugator Plants	5.6	5.9	5.7	5.1	5.0	4.7	4.8	4.8	4.4	4.3	4.5	5.4
Mills	.7	.8	.8	.8	.8	.6	.5	.6	.5	.4	.4	.5
Total	6.3	6.7	6.5	5.9	5.8	5.3	5.3	5.4	4.9	4.7	4.9	5.9

Corrugated Price & Producer Price Index

1967 = 100

Year	1st QTR	2nd QTR	3rd QTR	4th QTR	Year	B.L.S. P.P.I.
1940	39.2	39.1	39.0	38.9	39.1	40.5
1950	74.1	73.5	76.8	91.2	79.3	81.8
1960	98.8	98.2	96.3	97.0	97.4	94.9
1970	105.3	104.9	103.8	105.0	104.8	110.4
1971	104.4	104.7	103.4	104.1	104.2	113.9
1972	104.2	106.7	107.0	110.8	107.4	119.1
1973	114.1	120.2	124.7	129.8	122.5	134.7
1974	135.4	147.7	161.0	170.6	153.2	160.1
1975	168.1	166.0	163.7	165.0	165.5	174.9
1976	169.0	170.9	168.9	169.6	169.6	183.0
1977	167.4	168.2	168.6	168.4	168.2	194.2
1978	164.7	165.7	166.9	174.5	168.1	209.3
1979	178.6	187.3	190.3	199.6	188.9	235.6
1980	209.7	214.3	212.9	214.4	212.8	268.8
1981	222.8	232.5	232.4	232.6	230.0	293.4
1982	229.4	229.6	223.2	221.3	225.9	299.4
1983	217.3	218.6	217.2	224.8	219.5	303.1
1984	230.0	242.6	242.6	254.1	242.3	310.3
1985	254.0	246.5	231.5	227.2	239.7	308.8
1986	225.1	226.6	229.6	236.0	229.4	299.8
1987	245.4	254.8	255.6	267.4	255.9	307.7
1988	268.9	279.9	281.4	283.6	278.4	320.1
1989	283.9	286.8	283.7	282.4	284.2	335.9
1990	279.4	275.4	270.6	270.4	274.0	348.2
1991	267.3	260.9	257.3	265.5	262.8	348.8

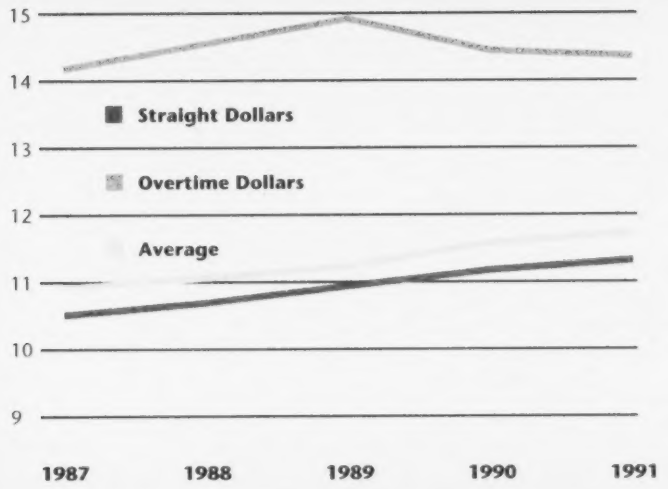
Corrugated Price Index vs Producer Price Index



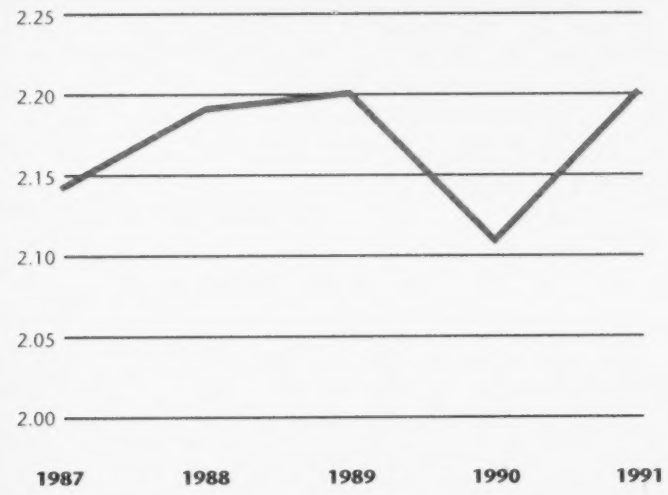
Corrugated Price Index by Area	1989	1990	1991
Area 1 - Northeast			
1st Quarter	277.4	271.3	255.5
2nd Quarter	276.0	263.0	249.1
3rd Quarter	275.8	261.1	247.8
4th Quarter	274.9	261.0	254.1
YEAR	276.0	264.1	251.6
Area 2 - Southeast			
1st Quarter	288.9	280.8	270.4
2nd Quarter	290.4	278.1	259.1
3rd Quarter	284.8	269.4	251.6
4th Quarter	288.9	276.8	266.2
YEAR	288.2	276.4	261.8
Area 3 - East Central			
1st Quarter	280.2	275.9	264.1
2nd Quarter	279.4	270.9	257.6
3rd Quarter	277.5	267.3	254.7
4th Quarter	277.2	264.3	261.8
YEAR	278.6	269.7	259.5
Area 4 - North Central			
1st Quarter	291.7	286.6	276.3
2nd Quarter	293.3	281.6	269.3
3rd Quarter	289.8	277.8	267.1
4th Quarter	286.0	280.9	273.9
YEAR	290.2	281.7	271.7
Area 5 - South Central			
1st Quarter	273.1	267.6	253.7
2nd Quarter	274.6	261.3	244.3
3rd Quarter	270.4	255.9	241.1
4th Quarter	269.6	254.5	252.2
YEAR	271.9	259.8	247.8
Area 6 - West			
1st Quarter	301.0	304.9	290.3
2nd Quarter	317.2	306.6	294.8
3rd Quarter	314.5	303.8	291.0
4th Quarter	308.0	296.0	291.2
YEAR	310.3	302.9	291.8

Hours, Earnings & Productivity

Hourly Earnings — Dollars



Productivity — M.S.F. per Hour



INDUSTRY AVERAGES

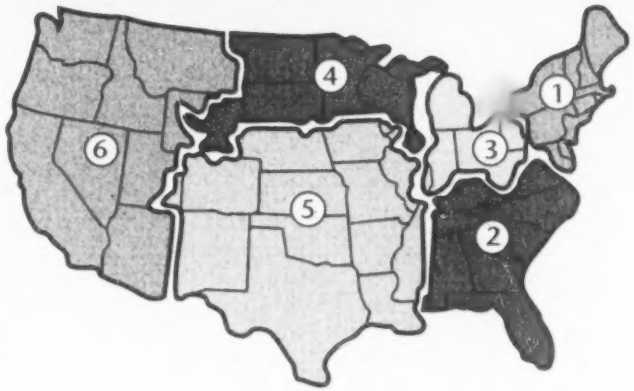
YEAR	Total No. of Employees	Hours per Week per Employee	Hourly Earnings Total	Hourly Earnings Regular	Hourly Earnings Overtime	Earnings per Week per Employee	M Sq.Ft. Shipments per Wk. per Employee	M Sq. Ft. per Hour	Payroll per M Sq. Ft. All Plants
1943	32,400	43.9	$ .788	$ .715	$ 1.130	$ 34.54	28.3	.65	$1.22
1950	39,500	43.6	1.410	1.316	2.005	61.43	36.7	.84	1.67
1960	54,600	40.9	2.324	2.224	3.238	95.21	38.7	.95	2.46
1970	74,100	40.1	3.551	3.415	4.811	142.39	46.6	1.16	3.06
1971	73,400	40.9	3.833	3.684	5.083	156.75	50.5	1.24	3.10
1972	74,300	41.5	4.132	3.944	5.508	171.57	54.9	1.32	3.13
1973	77,400	40.8	4.404	4.214	5.855	179.59	57.3	1.40	3.13
1974	71,900	38.3	4.725	4.566	6.428	181.02	57.4	1.50	3.16
1975	60,500	37.9	5.261	5.075	7.156	199.49	59.8	1.58	3.33
1976	65,200	38.9	5.726	5.513	7.683	222.59	63.3	1.63	3.52
1977	65,100	39.5	6.265	6.030	8.384	247.59	66.5	1.68	3.72
1978	67,300	39.6	6.820	6.541	9.057	270.39	69.8	1.76	3.88
1979	67,500	39.2	7.421	7.143	9.947	291.26	74.0	1.89	3.94
1980	63,600	38.2	7.968	7.697	10.823	304.16	72.4	1.90	4.20
1981	63,100	37.3	8.747	8.488	11.518	327.62	73.6	1.97	4.45
1982	59,100	36.8	9.340	9.081	12.537	343.78	74.4	2.02	4.62
1983	59,600	37.8	9.803	9.472	12.777	370.69	79.9	2.11	4.84
1984	61,500	38.5	10.278	9.913	13.320	395.78	82.3	2.14	4.81
1985	63,900	37.8	10.654	10.291	13.740	402.31	81.9	2.17	4.91
1986	65,900	39.3	10.683	10.251	14.142	420.24	82.7	2.10	5.08
1987	69,500	39.3	10.981	10.546	14.269	431.12	84.0	2.14	5.13
1988	71,400	39.2	11.117	10.674	14.523	436.01	85.8	2.19	5.08
1989	72,200	39.0	11.373	10.924	14.880	443.86	85.8	2.20	5.17
1990	74,700	39.8	11.632	11.238	14.477	463.06	84.1	2.11	5.50
1991	72,243	39.2	11.740	11.363	14.335	460.59	86.4	2.20	5.33

The reports received from the members are advanced to represent the entire industry. The employees represented are production workers, piece workers, watchmen, engineers, working foremen, maintenance workers, etc. The total does not include supervisors, executives, clerical and office employees. The footage includes the total shipments of all corrugator plants but not sheet plants; however, sheet plant labor costs are included. The above data covers only the direct payroll including pay for hours not worked. It does not include cost of pensions, medical insurance, etc.

Glossary

The Fibre Box Association divides The United States into six Areas for statistical purposes.

Area 1 - **Northeast**
Area 2 - **Southeast**
Area 3 - **East Central**
Area 4 - **North Central**
Area 5 - **South Central**
Area 6 - **West**



Average Week: An average work week for statistical purposes consists of five days, less holidays.

Basis Weight: The average weight of combined corrugated board per thousand square feet is derived by dividing containerboard consumption for corrugated board by corrugator production.

Containerboard: Paperboard components from which corrugated and solid fibreboard are manufactured.

Container Chip and Filler Board: Paperboard manufactured as a filler for solid fibre, and paperboard for conversion into either single or multi-ply components for interior packing in corrugated or solid fibre boxes.

Corrugator: A corrugator plant makes corrugated board on one or more corrugating machines and may make boxes or other finished products from the board.

Corrugated Price Index: The Corrugated Price Index is developed by dividing the total dollars of sales of all corrugated products by the square footage of these products, based on member company data only. The price per thousand square feet of all corrugated products shipped by members is then converted to an index, 1967 = 100.

Corrugating Medium: Paperboard used as the fluted member of a corrugated product.

Corrugated Production: The actual total square footage produced on corrugators during the year. It differs from shipments in that production includes waste and trim before fabrication.

Filler Board: See Container Chip and Filler Board.

Industry: Any statistic termed "Industry," such as "Industry Shipments," is based upon information received from all manufacturers, both members and non-members of the Association.

Kraft Linerboard: Fiber furnish containing not less than eighty percent virgin sulfate woodpulp, produced by the kraft (sulfate) process.

Linerboard: Paperboard used as a facing on corrugated or solid fibre products.

Number of Plants: The data indicates the number of plants in each category which were in operation during all or any part of the year. This is not necessarily the number in operation at year-end.

Producer Price Index: The Bureau of Labor Statistics' Producer Price Index represents the wholesale prices of all commodities, 1967 = 100.

Recycled Corrugating Medium: Fiber furnish containing less than seventy-five percent virgin woodpulp.

Recycled Linerboard: Fiber furnish containing less than eighty percent virgin kraft woodpulp.

Seasonally Adjusted Month: Actual shipments are seasonally adjusted using factors based on experience of the latest and preceding years.

Seasonal Adjustment: The adjustment factor is a composite of the seasonal factors and the regression trading day adjustment factors. The adjustment is continually revised; factors used in previous years are not identical to those used in 1991.

Semichemical Corrugating Material: Contains fiber furnish not less than seventy-five percent virgin woodpulp, produced by a semichemical process. Also includes kraft corrugating material in which the fiber furnish is not less than eighty percent virgin woodpulp that is produced by the kraft (sulfate) process.

Sheet Plant: A sheet plant buys corrugated board from a corrugator plant, and makes boxes or other finished products from the board.

Weeks of Supply: Obtained by dividing inventories by the average weekly usage in fibre box plants during the month excluding any holidays.

Fibre Box Association Members

Abbott Box Company
Acorn Corrugated Box Company
Action Container Corporation
Advance Packaging Corporation
    Central Michigan Container
AIM Corrugated Container Corporation
Akers Packaging Service, Inc.
    Dyna-Con Div. of Metro Containers
    Hoosier Container, Inc.
    Metro Containers, Inc.
Allegheny Container Corporation
All West Container Company
American Packaging Corporation
American River Packaging, Inc.
Armor Box Corporation
Arvco Container Corporation
    Arvan Specialty Products
    Arvco Container Corporation of IN
Batavia Container, Inc.
Bates Container, Inc.
Beacon Container Corporation
    Beacon Container Corporation of PA
Bell Packaging Corporation
Berenz Packaging Corporation
Bicknell & Fuller Corrugated Container Company
Boise Cascade Corporation
Buckeye Corrugated, Inc.
Capital City Container Corporation
Carlisle Container Company
Castle Rock Container Company
Central Container Corporation
Centralia Container, Inc.
Chesapeake Corporation
    Chesapeake Display & Packaging Company
    Color-Box, Inc.
Chicago Corrugated Box Company
Colonial Packaging Corporation
Colorado Container Corporation
Commander Packaging Corporation
    Commander Packaging West, Inc.
    Kankakee Container Company
    Packaging Dimensions
Consolidated Packaging Corporation
Cooper Container Corporation
Corrugated Container Corporation
    Corrugated Container Corporation of TN
Corrugated Paper Corporation
Corrugated Paper Products, Inc.
Corrugated Supplies Corporation
Crest Packaging, Inc.
Custom Packaging, Inc.
Decatur Container Corporation
DeLine Box Company
    DeLine Box – Windsor, Inc.
Delta Container Corporation
Design Packaging, Inc.
Drake Container Corporation
Dusobox Corporation
Eastern Container Corporation
Elgin Corrugated Box Company
Empire Container Corporation
H. Field & Sons, Inc.
Flint Boxmakers, Inc.
    Delta Containers, Inc.
Gaylord Container Corporation
General Corrugated Manufacturing, Inc.
Genesee Packaging & Corrugated, Inc.
Georgia-Pacific Corporation
    J & J Corrugated Box Corporation
Golden Bear Packaging Inc.
Green Bay Packaging, Inc.
Hunter Packaging Corporation
Ideal Box Company
Indiana Boxmakers, Inc.
International Paper Company
Interstate Resources, Inc.
    Interstate Container Corporation
Jamestown Container Corporation
    Great Lakes Container Corporation
    Ontario Containers Division
Jefferson Smurfit Corporation
    Container Corporation of America
    Eastern Tri-Pack Corporation
    Keystone Container Corporation
    Tri-Pack Corporation
Jet Corr Inc.
    Jet Corr Packaging Inc.
    Macon Kraft Laminates
    Selling Point
    Target Container Company
K & H Corrugated Case Company
    K & H Containers, Inc.
    Vermont Container Corporation
Kendal Container Corporation
Key Container Corporation
Lawless Container Corporation
Lawrence Paper Company
    Jayhawk Boxes, Inc.
    Ozark Corrugated Box Company
Liberty Carton Company
Lone Star Container Corporation
Longview Fibre Company
Love Box Company, Inc.
    Lewisburg Container Company
Loy-Lange Box Company
    Heartland Box Company
Mack-Chicago Corporation
MacMillan Bloedel Containers
    Arkansas Container Corporation
Mann Kraft Corporation
Massillon Container Company
    Mount Eaton Packaging Company
Mead Containerboard Division
Menasha Corporation
    Colonial Container Corporation
    North Star Container, Inc.
MICON, Division of Metal Industries, Inc.
Middlefield Container Corporation
Midland Container Corporation (Racine)
Midland Container Corporation (St. Louis)
    Midland Color Corporation
Miller Container Corporation
Monarch Box and Paper Company
Nelson Container Corporation
Nivison-Weiskopf Company
Northeast Box Company
Northeast Container Corporation
Northwest Packaging, Inc.
O'Grady Containers, Inc.
Ohio Packaging Corporation
    Combined Containerboard, Inc.
Pacific Southwest Container, Inc.
Packaging Corporation of America
    American Packaging Corporation
    Ar-Tech Packaging
    Corrugated Container Corporation
    Dixie Container Corporation
    Dura-Box Company
    Packaging Company of CA
    Pakon/Packaging Company of CA
    Western Packaging/PCA
Packaging Innovators Corporation
Packaging Services, Inc.
Packaging Services of MD, Inc.
Page Packaging Corporation
Paragon Packaging Products, Inc.
Pennsylvania Container Corporation
Phoenix Packaging, Inc.
Pride Container Corporation
Republic Container Corporation
Richmond Corrugated Box Company
    Wilmington Box Company
Rock-Tenn Company
    Wiregrass Container, Inc.
Romanow Container
Royal Continental Box Company
Schiffenhaus Industries, Inc.
    Oneida Container
    Schiffenhaus Packaging Corporation
Sealed Air Corp./Korrvu Division
Sebring Container Corporation
Shillington Box Company
Shipping Container Corporation
Southland Box Company
St. Joe Container Company
Stand Fast Packaging Products, Inc.
Star Corrugated Box Company, Inc.
Stone Container Corporation
    Accurate Corrugated Box
    Cameo Container Corporation
    L & M Corrugated Container
Summit Packaging, Inc.
    Iowa Corrugated Packaging
    Nebraska Packaging, Inc.
Sumter Packaging Corporation
Sunbelt Packaging Services, Inc.
Sunclipse, Inc.
    Corru-Kraft II
    Corru-Kraft IV
    Mercury Container Corporation
    Mercury Die and Container
    Midway Container
    Mission Corrugated
    St. Hart Container
Sycamore Containers, Inc.
Thacker Container Company
    California Corrugated Division
Thoroughbred Containers, Inc.
Triad Packaging, Inc.
Triad Packaging, Inc. of TN
Triangle Container Corporation
Union Camp Corporation
Viking Container Company
Watertown Box Corporation
Wertheimer Box & Paper Corporation
Weston Paper & Manufacturing Company
    Wabash Fibre Box Company
    Wabash Fibre Box Company – South
        Gibson Container Division
    Wabash Pioneer Container Corporation
Westvaco Corporation
Weyerhaeuser Paper Company
    Tri-Wall Containers, Inc.
Willamette Industries, Inc.
Wunderlich Fibre Box Company
York Container Company

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FIBRE BOX ASSOCIATION